

TDMS No. 20201-02
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: MICE/TG.AC HEMI

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
TEF TRANSGENICS (PCB 126)
CAS Number: 57465-28-8

Date Report Reqsted: 06/14/2006
Time Report Reqsted: 15:13:34
First Dose M/F: NA / 04/21/03
Lab: BAT

C Number: C20201B
Lock Date: 07/24/2004
Cage Range: 1 - 9999
Date Range: 1-JAN-1940 to 17-SEP-2040
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL

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FEMALE MICE
FIRST TERMINAL SACRIFICE AT 183 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 NG/KG

TOTAL 20	UNCENSORED DEATHS 3	CENSORED DEATHS 0	TERMINAL 17
UNCENSORED DEATHS			
74 81 165			
CENSORED DEATHS			
None			

DOSE = 360 NG/KG

TOTAL 20	UNCENSORED DEATHS 6	CENSORED DEATHS 0	TERMINAL 14
UNCENSORED DEATHS			
43 55 82	145 148 172		
CENSORED DEATHS			
None			

DOSE = 1210 NG/KG

TOTAL 20	UNCENSORED DEATHS 8	CENSORED DEATHS 0	TERMINAL 12
UNCENSORED DEATHS			
69 81 86	94 102 114 117 127		
CENSORED DEATHS			
None			

DOSE = 3600 NG/KG

TOTAL 20	UNCENSORED DEATHS 4	CENSORED DEATHS 0	TERMINAL 16
UNCENSORED DEATHS			
93 112 121	171		

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FIRST TERMINAL SACRIFICE AT 183 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

CENSORED DEATHS
None

DOSE = 7600 NG/KG

TOTAL 20	UNCENSORED DEATHS 2	CENSORED DEATHS 0	TERMINAL 18
UNCENSORED DEATHS			
86 172			
CENSORED DEATHS			
None			

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	183(A)
0 NG/KG	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0	90.0	85.0
360 NG/KG	100.0	100.0	95.0	90.0	85.0	85.0	85.0	80.0	75.0	70.0
1210 NG/KG	100.0	100.0	100.0	95.0	85.0	75.0	60.0	60.0	60.0	60.0
3600 NG/KG	100.0	100.0	100.0	100.0	100.0	95.0	85.0	85.0	85.0	80.0
7600 NG/KG	100.0	100.0	100.0	100.0	95.0	95.0	95.0	95.0	95.0	90.0

(A) FIRST TERMINAL SACRIFICE
(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".
(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE
(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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FIRST TERMINAL SACRIFICE AT 183 DAYS

SURVIVAL SUMMARY STATISTICS				
DOSE	0 NG/KG	360 NG/KG	1210 NG/KG	3600 NG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	85.0%	70.0%	60.0%	80.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.181N	P=0.434	P=0.154	P=1.000
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	106.7 (29.2)	107.5 (22.2)	98.8 (7.0)	124.3 (16.6)
MEAN LIFE SPAN (D) (STANDARD ERROR)	171.6 (7.3)	160.4 (10.1)	149.3 (9.8)	171.3 (6.1)

SURVIVAL SUMMARY STATISTICS	
DOSE	7600 NG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	90.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.943N
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	129.0 (43.0)
MEAN LIFE SPAN (D)	177.6

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(STANDARD ERROR) (4.9)

*** END OF REPORT ***

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